



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1598

|                                                                                                                                                                                                                                                                                                                      |                                                                                                                   |                               |                                                                                                                                                                                                                                                                                 |                                        |                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------|
| <b>SERIAL NUMBER</b><br>10/080,956                                                                                                                                                                                                                                                                                   | <b>FILING DATE</b><br>02/22/2002<br><b>RULE</b>                                                                   | <b>CLASS</b><br>714           | <b>GROUP ART UNIT</b><br>2184                                                                                                                                                                                                                                                   | <b>ATTORNEY DOCKET NO.</b><br>CISCP729 |                                |
| <b>APPLICANTS</b><br>Anna Charny, Sudbury, MA;<br>Robert Goguen, Acton, MA;<br>Carol Iturralde, Framingham, MA;                                                                                                                                                                                                      |                                                                                                                   |                               |                                                                                                                                                                                                                                                                                 |                                        |                                |
| <b>** CONTINUING DATA *****</b><br><b>** FOREIGN APPLICATIONS *****</b>                                                                                                                                                                                                                                              |                                                                                                                   |                               |                                                                                                                                                                                                                                                                                 |                                        |                                |
| <b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b><br><b>** 03/16/2002</b>                                                                                                                                                                                                                                           |                                                                                                                   |                               |                                                                                                                                                                                                                                                                                 |                                        |                                |
| Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no<br>35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after<br>met<br>Verified and <i>Allowance</i><br>Acknowledged <i>Examiner's Signature</i> Initials |                                                                                                                   | <b>STATE OR COUNTRY</b><br>MA | <b>SHEETS DRAWING</b><br>5                                                                                                                                                                                                                                                      | <b>TOTAL CLAIMS</b><br>25              | <b>INDEPENDENT CLAIMS</b><br>4 |
| <b>ADDRESS</b><br>26541                                                                                                                                                                                                                                                                                              |                                                                                                                   |                               |                                                                                                                                                                                                                                                                                 |                                        |                                |
| <b>TITLE</b><br>Linear program-based technique for placing FRR TE tunnels with bandwidth guarantee                                                                                                                                                                                                                   |                                                                                                                   |                               |                                                                                                                                                                                                                                                                                 |                                        |                                |
| <b>FILING FEE RECEIVED</b><br>1044                                                                                                                                                                                                                                                                                   | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: |                               | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |                                        |                                |